## SEQUENCE LISTING

_	(1) GENERAL INFORMATION:
5	(i) APPLICANT: GOELET, PHILIP KNAPP, MICHAEL R.
10	(ii) TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS AND THEIR USE IN GENETIC ANALYSIS
	(iii) NUMBER OF SEQUENCES: 95
15	<ul> <li>(iv) CORRESPONDENCE ADDRESS:</li> <li>(A) ADDRESSEE: HOWREY &amp; SIMON</li> <li>(B) STREET: 1299 PENNSYLVANIA AVENUE, N.W.</li> <li>(C) CITY: WASHINGTON</li> <li>(D) STATE: D.C.</li> </ul>
20	(E) COUNTRY: US (F) ZIP: 20004
25	<ul> <li>(v) COMPUTER READABLE FORM:</li> <li>(A) MEDIUM TYPE: Floppy disk</li> <li>(B) COMPUTER: IBM PC compatible</li> <li>(C) OPERATING SYSTEM: PC-DOS/MS-DOS</li> <li>(D) SOFTWARE: Patentin Release #1.0, Version #1.25</li> </ul>
30	<ul><li>(vi) CURRENT APPLICATION DATA:</li><li>(A) APPLICATION NUMBER: US</li><li>(B) FILING DATE:</li><li>(C) CLASSIFICATION:</li></ul>
35	<ul> <li>(viii) ATTORNEY/AGENT INFORMATION:</li> <li>(A) NAME: AUERBACH, JEFFREY I</li> <li>(B) REGISTRATION NUMBER: 32,680</li> <li>(C) REFERENCE/DOCKET NUMBER: 683-104-CIP</li> </ul>
40	(ix) TELECOMMUNICATION INFORMATION:  (A) TELEPHONE: (202) 383-7451  (B) TELEFAX: (202) 383-6610
	(2) INFORMATION FOR SEQ ID NO:1:
45	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>
50	(ii) MOLECULE TYPE: DNA (genomic)
	(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
5	(vii) IMMEDIATE SOURCE: (B) CLONE: 177-2	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:	
	GCAGCTCTAA GTGCTGTGGG	20
10	(2) INFORMATION FOR SEQ ID NO:2:	
15	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (genomic)	
20	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
25	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
	(vii) IMMEDIATE SOURCE: (B) CLONE: 177-2	
30	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:	
	TGCAGAAATT CTAAGGTGTT	20
35	(2) INFORMATION FOR SEQ ID NO:3:	
40	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (genomic)	
45	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
50	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
	(vii) IMMEDIATE SOURCE: (B) CLONE: 177-2	

	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:	
	AACACCTTAG AATTTCTGCA	20
5	(2) INFORMATION FOR SEQ ID NO:4:	
10	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (genomic)	
15	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
20	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
	(vii) IMMEDIATE SOURCE: (B) CLONE: 177-2	
25	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:	
	CCCACAGCAC TTAGAGCTGC	20
2.0	(2) INFORMATION FOR SEQ ID NO:5:	
30	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 20 base pairs  (B) TYPE: nucleic acid	
35	(C) STRANDEDNESS: single (D) TOPOLOGY: linear	
	(ii) MOLECULE TYPE: DNA (genomic)	
4.0	(iii) HYPOTHETICAL: NO	
40	(iv) ANTI-SENSE: NO	
45	<ul><li>(vi) ORIGINAL SOURCE:</li><li>(A) ORGANISM: Equus caballus</li></ul>	
	(vii) IMMEDIATE SOURCE: (B) CLONE: 595-3	
ΕO	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:	
50	AGCTCTGGGA TGATCCACTA	2

	(2) INFORMATION FOR SEQ ID NO:6:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic) (iii) HYPOTHETICAL: NO	
	(iii) ATFOTTLETIONE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
	(vii) IMMEDIATE SOURCE: (B) CLONE: 595-3	
20	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:	
	TGAGGGAAAA ATGATGATGC	20
25	(2) INFORMATION FOR SEQ ID NO:7:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (genomic)	
35	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	<ul><li>(vi) ORIGINAL SOURCE:</li><li>(A) ORGANISM: Equus caballus</li></ul>	
	(vii) IMMEDIATE SOURCE: (B) CLONE: 595-3	
45	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:	
	GCATCATCAT TTTTCCCTCA	20

	(2) INFORMATION FOR SEQ ID NO.0.	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
4.0	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 595-3	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:	
0.5	TAGTGGATCA TCCCAGAGCT	20
25	(2) INFORMATION FOR SEQ ID NO:9:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
0.5	(ii) MOLECULE TYPE: DNA (genomic)	
35	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	<ul><li>(vi) ORIGINAL SOURCE:</li><li>(A) ORGANISM: Equus caballus</li></ul>	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 090-2	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:	

AAAACTAATT TGATGGCCAT

	(2) INFORMATION FOR SEQ 15 NO. 10.	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
1.0	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
	(vii) IMMEDIATE SOURCE: (B) CLONE: 090-2	
20		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:	
٥.	AAAGTCAGAA CAATGATTGC	20
25	(2) INFORMATION FOR SEQ ID NO:11:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
٥. ٦	(ii) MOLECULE TYPE: DNA (genomic)	
35	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	<ul><li>(vi) ORIGINAL SOURCE:</li><li>(A) ORGANISM: Equus caballus</li></ul>	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 090-2	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:	
	GCAATCATTG TTCTGACTTT	20

5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>		
	(ii) MOLECULE TYPE: DNA (genomic)		
10	(iii) HYPOTHETICAL: NO		
	(iv) ANTI-SENSE: NO		
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus		
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 090-2	0	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:		
	ATGGCCATCA AATTAGTTTT	2	20
25	(2) INFORMATION FOR SEQ ID NO:13:		
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>		
	(ii) MOLECULE TYPE: DNA (genomic)		
35	(iii) HYPOTHETICAL: NO		
	(iv) ANTI-SENSE: NO		
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus		
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 324-1		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:		
	CACAAGGCCC AAGAACAGGA		2

(2) INFORMATION FOR SEQ ID NO:12:

	(2) INFORMATION FOR SEQ ID NO:14:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
1.0	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 324-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:	
	TGAGTTCAGC GAGTGTCAGA	20
25	(2) INFORMATION FOR SEQ ID NO:15:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	<ul><li>(vi) ORIGINAL SOURCE:</li><li>(A) ORGANISM: Equus caballus</li></ul>	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 324-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:15:	
	TCTGACACTC GCTGAACTCA	2

	(2) INFORMATION FOR SEQ ID NO. 10.	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
1.0	(ii) MOLECULE TYPE: DNA (genomic)	× .
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 324-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:16:	
0.5	TCCTGTTCTT GGGCCTTGTG	20
25	(2) INFORMATION FOR SEQ ID NO:17:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
0.5	(ii) MOLECULE TYPE: DNA (genomic)	
35	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 129-1	
	(vi) SEQUENCE DESCRIPTION: SEQ ID NO:17:	

TGGGAAAGAC CACATTATTT

	(2) INFORMATION FOR SEQ ID NO:18:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 129-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:18:	
25	GTTCCCTTTT GTTTCAGACC	20
23	(2) INFORMATION FOR SEQ ID NO:19:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
\ \	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	<ul><li>(vi) ORIGINAL SOURCE:</li><li>(A) ORGANISM: Equus caballus</li></ul>	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 129-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:19:	

GGTCTGAAAC AAAAGGGAAC

	(2) INFORMATION FOR SEQ ID NO:20:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
	(vii) IMMEDIATE SOURCE: (B) CLONE: 129-1	
20	(B) OLONE. 120 .	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:20:	
^ <b>-</b>	AAATAATGTG GTCTTTCCCA	20
25	(2) INFORMATION FOR SEQ ID NO:21:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (genomic)	
35	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 007-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:21:	

CATGAGTAAG AAGCATCCGG

5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
. 0	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 007-1	
20	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:22:	
25	CCATGGAGTC ATAGATAAGT	20
25	(2) INFORMATION FOR SEQ ID NO:23:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
0.5	(ii) MOLECULE TYPE: DNA (genomic)	
35	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 007-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:23:	
	ACTTATCTAT GACTCCATGG	2

(2) INFORMATION FOR SEQ ID NO:22:

	(2) INFORMATION FOR SEQ ID NO:24:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
1.0	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 007-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:24:	
0.5	CCGGATGCTT CTTACTCATG	20
25	(2) INFORMATION FOR SEQ ID NO:25:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
٥.٢	(ii) MOLECULE TYPE: DNA (genomic)	
35	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 324-2	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:25:	

CCCAAGAACA GGATTGAGTT

	(2) INFORMATION FOR SEQ ID NO:26:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	<ul><li>(vi) ORIGINAL SOURCE:</li><li>(A) ORGANISM: Equus caballus</li></ul>	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 324-2	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:26:	
25	AGCGAGTGTC AGAGTTGTGT	20
23	(2) INFORMATION FOR SEQ ID NO:27:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
00	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	<ul><li>(vi) ORIGINAL SOURCE:</li><li>(A) ORGANISM: Equus caballus</li></ul>	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 324-2	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:27:	

ACACAACTCT GACACTCGCT

	(2) INFORMATION FOR SEQ 15 NO.25.	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 324-2	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:28:	
0.5	AACTCAATCC TGTTCTTGGG	20
25	(2) INFORMATION FOR SEQ ID NO:29:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
0.5	(ii) MOLECULE TYPE: DNA (genomic)	
35	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 177-3	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:29:	

AGCAAGAAA TGGGGGGCCTT

	(2) INFORMATION FOR SEQ ID NO.30.	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
4.0	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 177-3	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:30:	
	GTCCTACAAT TGCCAGGAAG	20
25	(2) INFORMATION FOR SEQ ID NO:31:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
0.5	(ii) MOLECULE TYPE: DNA (genomic)	
35	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 177-3	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:31:	

CTTCCTGGCA ATTGTAGGAC

	(2) INFORMATION FOR SEQ ID NO:32:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 177-3	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:32:	
0.5	AAGGCCCCC ATTTCTTGCT	20
25	(2) INFORMATION FOR SEQ ID NO:33:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
0.5	(ii) MOLECULE TYPE: DNA (genomic)	
35	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 595-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:33:	

GAATATCAAT ATATATATAT

	(2) INFORMATION FOR SEQ ID NO:34:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 595-1	
20	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:34:	
	TGTGTGTGTG TGTATTTGCT	20
25	(2) INFORMATION FOR SEQ ID NO:35:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
00	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	<ul><li>(vi) ORIGINAL SOURCE:</li><li>(A) ORGANISM: Equus caballus</li></ul>	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 595-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:35:	

AGCAAATACA CACACACACA

	(2) INFORMATION FOR SEQ ID NO:36:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
	(vii) IMMEDIATE SOURCE: (B) CLONE: 595-1	
20	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:36:	
	ATATATAT ATTGATATTC	20
25	(2) INFORMATION FOR SEQ ID NO:37:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (genomic)	
35	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
	(vii) IMMEDIATE SOURCE: (B) CLONE: 007-3	
45	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:37:	

GCCATAATTA AGCCTGTATT

	(2) INFORMATION FOR SEQ ID NO:38:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
	(vii) IMMEDIATE SOURCE:	
20	(B) CLONE: 007-3	
_ •	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:38:	
	GTTTGTTTTA AATTTTGTGA	20
25	(2) INFORMATION FOR SEQ ID NO:39:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (genomic)	
35	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 007-3	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:39:	

TCACAAAATT TAAAACAAAC

	(2) INFORMATION FOR SEQ ID NO:40:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
4.0	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 007-3	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:40:	
0.5	AATACAGGCT TAATTATGGC	20
25	(2) INFORMATION FOR SEQ ID NO:41:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
٥.5	(ii) MOLECULE TYPE: DNA (genomic)	
35	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 459-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:41:	

GTGTAGAGTA GTTCAAGGAC

	(2) INFORMATION FOR SEQ ID NO:42:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 459-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:42:	
25	ATGTCTTATA CCTCCCTTTT	20
23	(2) INFORMATION FOR SEQ ID NO:43:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
0.0	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	<ul><li>(vi) ORIGINAL SOURCE:</li><li>(A) ORGANISM: Equus caballus</li></ul>	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 459-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:43:	

AAAAGGGAGG TATAAGACAT

	(2) INFORMATION FOR SEQ ID NO.44.	
5	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 20 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 459-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:44:	
0.5	GTCCTTGAAC TACTCTACAC	20
25	(2) INFORMATION FOR SEQ ID NO:45:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
0.5	(ii) MOLECULE TYPE: DNA (genomic)	
35	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 085-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:45:	

GTGAACGGAG AGCAGGCCTT

	(2) INFORMATION FOR SEQ ID NO:46.	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 085-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:46:	
	CCTGCTGAAG CCTCAGACCG	20
25	(2) INFORMATION FOR SEQ ID NO:47:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
0.5	(ii) MOLECULE TYPE: DNA (genomic)	
35	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 085-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:47:	

CGGTCTGAGG CTTCAGCAGG

	(2) INFORMATION FOR SEQ ID NO:48:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 085-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:48:	
25	AAGGCCTGCT CTCCGTTCAC	20
23	(2) INFORMATION FOR SEQ ID NO:49:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
33	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	<ul><li>(vi) ORIGINAL SOURCE:</li><li>(A) ORGANISM: Equus caballus</li></ul>	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 007-2	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:49:	

CTGCTCTTTA GACTATGACC

	(2) INFORMATION FOR SEQ ID NO:50:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 007-2	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:50:	
0.5	TCAACCTTGC ATCATGAGCT	20
25	(2) INFORMATION FOR SEQ ID NO:51:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
33	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 007-2	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:51:	

AGCTCATGAT GCAAGGTTGA

	(2) INFORMATION FOR SEQ ID NO.32.	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
4.0	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 007-2	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:52:	
	GGTCATAGTC TAAAGAGCAG	20
25	(2) INFORMATION FOR SEQ ID NO:53:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
0.5	(ii) MOLECULE TYPE: DNA (genomic)	
35	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 474-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:53:	

TTTGAGCTGG GACCTCAGTC

	(2) INFORMATION FOR SEQ ID NO:54:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	<ul><li>(vi) ORIGINAL SOURCE:</li><li>(A) ORGANISM: Equus caballus</li></ul>	
	(vii) IMMEDIATE SOURCE:	
20	(B) CLONE: 474-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:54:	
0.5	TCTCCTGCCT TTAGACTCGA	20
25	(2) INFORMATION FOR SEQ ID NO:55:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
0.5	(ii) MOLECULE TYPE: DNA (genomic)	
35	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 474-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:55:	

TCGAGTCTAA AGGCAGGAGA

	(2) INFORMATION FOR SEQ ID NO.30.	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 474-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:56:	
0.5	GACTGAGGTC CCAGCTCAAA	20
25	(2) INFORMATION FOR SEQ ID NO:57:	
30	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 20 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
33	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 178-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:57:	

GAACCTCTGG GCCGTGGATA

	(2) INFORMATION FOR SEQ ID NO.36.	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
4.0	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 178-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:58:	
0.5	TTGTTCAGAA GCACAGGTGA	20
25	(2) INFORMATION FOR SEQ ID NO:59:	
30	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 20 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
33	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 178-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:59:	

TCACCTGTGC TTCTGAACAA

	(2) INFORMATION FOR SEQ ID NO.00.	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 178-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:60:	
0.5	TATCCACGGC CCAGAGGTTC	20
25	(2) INFORMATION FOR SEQ ID NO:61:	
30	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 20 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
33	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	<ul><li>(vi) ORIGINAL SOURCE:</li><li>(A) ORGANISM: Equus caballus</li></ul>	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 595-2	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:61:	

GTATTTGCTA GCTCTGGGAT

	(2) INFORMATION FOR SEQ ID NO:62:	
5	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 20 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
4.0	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 595-2	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:62:	
0.5	ATCCACTAAT GAGGGAAAAA	20
25	(2) INFORMATION FOR SEQ ID NO:63:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
2.5	(ii) MOLECULE TYPE: DNA (genomic)	
35	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 595-2	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:63:	

TTTTCCCTC ATTAGTGGAT

	(2) INFORMATION FOR SEQ ID NO.04.	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
4.0	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 595-2	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:64:	
	ATCCCAGAGC TAGCAAATAC	20
25	(2) INFORMATION FOR SEQ ID NO:65:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
35	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 177-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:65:	

GAAGTTGTGG GACAGATGTG

	(2) INFORMATION FOR SEQ ID NO.00.	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
4.0	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 177-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:66:	
0.5	AGAGATGCAG CTCTAAGTGC	20
25	(2) INFORMATION FOR SEQ ID NO:67:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
33	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 177-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:67:	

GCACTTAGAG CTGCATCTCT

	(2) INFORMATION FOR SEQ ID NO:68:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 177-1	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:68:	
25	CACATCTGTC CCACAACTTC	20
23	(2) INFORMATION FOR SEQ ID NO:69:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
00	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	<ul><li>(vi) ORIGINAL SOURCE:</li><li>(A) ORGANISM: Equus caballus</li></ul>	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 459-2	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:69:	

CCATGAGGAA GCCTCCACAA

	(2) INFORMATION FOR SEQ ID NO:70:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 459-2	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:70:	
0.5	GTCCCAATAG TCTGGGATTC	20
25	(2) INFORMATION FOR SEQ ID NO:71:	
30	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 20 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
33	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: 459-2	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:71:	

GAATCCCAGA CTATTGGGAC

	(2) INFORMATION FOR SEQ ID NO:72:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 20 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
4.0	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Equus caballus	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: 459-2	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:72:	
0.5	TTGTGGAGGC TTCCTCATGG	20
25	(2) INFORMATION FOR SEQ ID NO:73:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 24 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
0.5	(ii) MOLECULE TYPE: DNA (genomic)	
35	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Homo sapiens	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: IGKC 2p12	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:73:	
	AAAGCAGACT ACGAGAAACA CAAA	

	(2) INFORMATION FOR SEQ ID NO:74:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 24 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Homo sapiens	
	(vii) IMMEDIATE SOURCE: (B) CLONE: IGKC 2p12	
20	(B) OLONE. TORO ZPTZ	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:74:	
25	TCTACGCCTG CGAAGTCACC CATC	24
	(2) INFORMATION FOR SEQ ID NO:75:	
30	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 24 base pairs	
	(B) TYPE: nucleic acid (C) STRANDEDNESS: single	
	(D) TOPOLOGY: linear	
35	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
40	(iv) ANTI-SENSE: NO	
10	<ul><li>(vi) ORIGINAL SOURCE:</li><li>(A) ORGANISM: Homo sapiens</li></ul>	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: IGKC 2p12	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:75:	
50	GATGGGTGAC TTCGCAGGCG TAGA	24

	(2) INFORMATION FOR SEQ ID NO:76:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 24 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Homo sapiens	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: IGKC 2p12	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:76:	
25	TTTGTGTTTC TCGTAGTCTG CTTT	24
	(2) INFORMATION FOR SEQ ID NO:77:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 24 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
40	(iv) ANTI-SENSE: NO	
70	(vi) ORIGINAL SOURCE: (A) ORGANISM: Homo sapiens	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: ILIB 2q3-q21	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:77:	
50	CTCCTGCAAT TGACAGAGAG CTCC	24

	(2) INFORMATION FOR SEQ ID NO:78:	
5	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 24 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	<ul><li>(vi) ORIGINAL SOURCE:</li><li>(A) ORGANISM: Homo sapiens</li></ul>	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: ILIB 2q3-q21	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:78:	
25	GAGGCAGAGA ACAGCACCCA AGGT	24
	(2) INFORMATION FOR SEQ ID NO:79:	
30	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 24 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
40	(iv) ANTI-SENSE: NO	
. 0	(vi) ORIGINAL SOURCE: (A) ORGANISM: Homo sapiens	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: ILIB 2q3-q21	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:79:	
50	ACCTTGGGTG CTGTTCTCTG CCTC	24

	(2) INFORMATION FOR SEQ ID NO:80:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 24 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Homo sapiens	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: ILIB 2q3-q21	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:80:	
25	GGAGCTCTCT GTCAATTGCA GGAG	24
	(2) INFORMATION FOR SEQ ID NO:81:	
30	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 24 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
40	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Homo sapiens	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: LDLR 19p13.3	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:81:	
50	CTCCATCTCA AGCATCGATG TCAA	24

	(2) INFORMATION FOR SEQ ID NO:82:	
5	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 24 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	<ul><li>(vi) ORIGINAL SOURCE:</li><li>(A) ORGANISM: Homo sapiens</li></ul>	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: LDLR 19p13.3	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:82:	
25	GGGGCAACC GGAAGACCAT CTTG	24
	(2) INFORMATION FOR SEQ ID NO:83:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 24 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
40	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Homo sapiens	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: LDLR 19p13.3	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:83:	
50	CAAGATGGTC TTCCGGTTGC CCCC	24

	(2) INFORMATION FOR SEQ ID NO:84:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 24 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
10	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Homo sapiens	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: LDLR 19p13.3	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:84:	
25	TTGACATCGA TGCTTGAGAT GGAG	24
	(2) INFORMATION FOR SEQ ID NO:85:	
30	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 24 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
40	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Homo sapiens	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: MET-H 7q31	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:85:	
50	GTTTGGTCTA AGTTGCTGAT TACC	24

	(2) INFORMATION FOR SEQ ID NO:86:	
5	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 24 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	<ul><li>(vi) ORIGINAL SOURCE:</li><li>(A) ORGANISM: Homo sapiens</li></ul>	
	(vii) IMMEDIATE SOURCE: (B) CLONE: MET-H 7q31	
20		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:86:	
25	GGATTTTTCT GACGATCTTT CAAC	24
	(2) INFORMATION FOR SEQ ID NO:87:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 24 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
40	(iv) ANTI-SENSE: NO	
, 0	(vi) ORIGINAL SOURCE: (A) ORGANISM: Homo sapiens	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: MET-H 7q31	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:87:	
50	GTTGAAAGAT CGTCAGAAAA ATCC	24

5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 24 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	<ul><li>(vi) ORIGINAL SOURCE:</li><li>(A) ORGANISM: Homo sapiens</li></ul>	
	(vii) IMMEDIATE SOURCE:	
20	(B) CLONE: MET-H 7q31	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:88:	
25	GGTAATCAGC AACTTAGACC AAAC	24
	(2) INFORMATION FOR SEQ ID NO:89:	
30	(i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 24 base pairs	
	<ul><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
40	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Homo sapiens	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: PROC 2q13-q21	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:89:	
50	COTEACAGOG GCCCACTGCA TGGA	24

(2) INFORMATION FOR SEQ ID NO:88:

	(2) INFORMATION FOR SEQ ID NO:90:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 24 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
. 0	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	<ul><li>(vi) ORIGINAL SOURCE:</li><li>(A) ORGANISM: Homo sapiens</li></ul>	
	(vii) IMMEDIATE SOURCE: (B) CLONE: PROC 2q13-q21	
20	(=) (=)	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:90:	
25	GAGTCCAAGA AGCTCCTTGT CAGG	24
	(2) INFORMATION FOR SEQ ID NO:91:	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 24 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
35	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
40	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Homo sapiens	
45	(vii) IMMEDIATE SOURCE: (B) CLONE: PROC 2q13-q21	
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:91:	
50	CCTGACAAGG AGCTTCTTGG ACTC	24

	(2) INFORMATION FOR SEQ ID NO:92:	
5	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 24 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>	
10	(ii) MOLECULE TYPE: DNA (genomic)	
	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
15	(vi) ORIGINAL SOURCE: (A) ORGANISM: Homo sapiens	
20	(vii) IMMEDIATE SOURCE: (B) CLONE: PROC 2q13-q21	
20	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:92:	
	TCCATGCAGT GGGCCGCTGT CAGC	24
25	(2) INFORMATION FOR SEQ ID NO:93:	
30	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 24 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>	
	(ii) MOLECULE TYPE: DNA (genomic)	
35	(iii) HYPOTHETICAL: NO	
	(iv) ANTI-SENSE: NO	
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Homo sapiens	
	(vii) IMMEDIATE SOURCE: (B) CLONE: MET-H 7q31	
45	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:93:	
	CATCCATGTA GGAGAGCCTT AGTC	24

5	<ul><li>(i) SEQUENCE CHARACTERISTICS:</li><li>(A) LENGTH: 26 base pairs</li><li>(B) TYPE: nucleic acid</li><li>(C) STRANDEDNESS: single</li><li>(D) TOPOLOGY: linear</li></ul>		
10	(ii) MOLECULE TYPE: DNA (genomic)		
	(iii) HYPOTHETICAL: NO		
15	(iv) ANTI-SENSE: NO		
10	<ul><li>(vi) ORIGINAL SOURCE:</li><li>(A) ORGANISM: Homo sapiens</li></ul>		
20	(vii) IMMEDIATE SOURCE: (B) CLONE: MET-H 7q31		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:94:		
0.5	CCATTTTTGT GTCTTCTAGT CTAAGG	2	26
25	(2) INFORMATION FOR SEQ ID NO:95:	•	
30	<ul> <li>(i) SEQUENCE CHARACTERISTICS:</li> <li>(A) LENGTH: 23 base pairs</li> <li>(B) TYPE: nucleic acid</li> <li>(C) STRANDEDNESS: single</li> <li>(D) TOPOLOGY: linear</li> </ul>		
0.5	(ii) MOLECULE TYPE: DNA (genomic)		
35	(iii) HYPOTHETICAL: NO		
	(iv) ANTI-SENSE: NO		
40	(vi) ORIGINAL SOURCE: (A) ORGANISM: Homo sapiens		
4.5	(vii) IMMEDIATE SOURCE: (B) CLONE: MET-H 7q31		
45	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:95:		

(2) INFORMATION FOR SEQ ID NO:94:

TTGAAAGATC GTCAGAAAAA TCC